

^b
Heterogeneity of the Solar Chromosphere and the
Problem of Excitation of Helium, by V. Krat.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CVI, No 4,
1956, pp 619-622.

CSIRO-3368
SLA R-3946
*ATIC F-TS-9633/V

Sci
Jul 59

93,051

Corpuscular Solar Radiation, by V. Krat,
7 pp, UNCL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII,
No 7, 1947, pp 1313-1316. 64910

ATIC F-TS-9770/V

Sci - Astron

Jul. 59

91, 196

Some Peculiarities of Solar Granulation, by
V. Krat.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX, No 4,
1953, pp 647-649. CIA 654600

ATIC MCL-76/V

Sci-Geophys

Jul 60

Telecom 40795

121,444

The Mass of the Sun in the Era of Planet Formation, by V. Krat, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCV,
No 3, 1954, pp 481-484. CIA 657752

ATIC MCL-77/III

Sci - Astron, Geophys

Aug 60

123,874

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

Electrical Charges in the Solar Corona, by V. V. Kondratenko

7 pp.

LXI

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 1, No 1, 1948,
pp 31-34. CIA 644539

ATIC F-TS-9613/V

Sci - Astron
Mar 59

82, 84!

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

Krat, V.
CERTAIN ERRORS IN DIFFERENTIAL LEVELING.
Trans. on Soviet Geodesy 1925-40. 17 Mar 61 [9]p.
1 ref. JPRS: R-109-N/17.
Order from LC or SLA mi\$.80, ph\$.80 61-19171
Trans. of Geodezist (USSR) 1931 [v. 7] no. 2/3.
p. 48-52.

61-19171

1. Geodesics--Errors
2. Geophysical surveying--
Errors
1. Krat, V.
- II. Title: Soviet...
- III. JPRS-R-109-N/17
- IV. Joint Publications Research
Service, New York

Office of Technical Services

(Unannounced)

Commentary on the Article "Dissipation of the Solar Corona and Corpuscular Radiation", by V. A. Krat,
10 pp.

RUSSIAN, per, Astron Zhur, Vol XXXI, No 2, 1954,
pp 191-196. CIA 7658266

ATIC MCL-235/III

Sci - Astron

Oct 60

128,127

Photographic Method Used in Solar Spectrography, by
V. A. Krat, 9 pp.

RUSSIAN, per, Zhur Nauch i Priklad Fotograffi i
Kinemacografii, Vol III, No 1, 1958, pp 68-72.

SAL 59-~~16337~~
16258

Sci - Astron
Sep 59
Vol 1, No 1

97, 220

Origin of the Earth, by V. A. Krat, 20 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol VII,
1960.

JPRS 24734

Sci
Jun 64

260,093

On the Contour of a Chromospheric H-Alpha Line, by
V. A. Krat, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Astronomiya), Vol
XCVII, No 1, 1954, pp 45-57.
CIA 64869

ATIC P-TS-9771/V

Sci - Geophys
Feb 59

81,043

Krat, V. A. and Pravduka, L. M. HOT ZONES OF HELIUM EXCITATION IN THE SOLAR PHOTOSPHERE. [1961] 8p. (2 figs. 2 tables omitted). Order from OTS or SLA \$1.10 61-18837 Trans. of [Astronomicheskaya Observatoriya, Pulkovo, Izvestiya] (USSR) [1958] v. 20, no. 6(159) p. 55ff. DESCRIPTORS: *Solar atmosphere, *Helium, *Excita- tion, Radio waves, Gases, Interstellar matter, Gas ionization, High altitude, Cosmic rays, Solar flares, Radio astronomy, Solar corona, USSR. (Astronomy--Astrophysics, TT, v. 6, no. 10)	61-18837 I. Krat, V. A. II. Pravduka, L. M. Office of Technical Services
--	---

On the Question of the Dissipation of the
Solar Corona, by V. A. Krat, 5 pp.

RUSSIAN, bimo per, Astron Zhur, Vol XXXII, No 1,
1955, pp 90-92. 7092927

Morris D Friedman
\$2.50

Scientific - Physics

CRS 69/Jun 55

24,787

Krat, V. A. and Sobolev, V. M.
THE SOLAR CHROMOSPHERE. [1961] 32p. (Illus.
tables refs. omitted).
Order from OTS or SLA \$3.60

61-18839

Trans. of [Astronomicheskaya Observatoriya, Pulkovo.
Izvestiya (USSR) 1957] v. 21, no. 1(160) p. 116ff.

DESCRIPTORS: *Solar atmosphere, Cosmic rays,
Solar corona, Radio astronomy, Radio waves, Inter-
stellar matter, Electrons, Density, High altitude,
Helium, Hydrogen, Solar flares, USSR, Gas ionization,
Gases, Atmosphere.

A theoretical determination is made of the average
physical characteristics of the four groups of chromo-
spheric filaments and their distribution by height. The
differences in chromospheric filaments are studied by
the appearance of various stages of some elementary
(Astronomy-Astrophysics, TT, v. 6, no. 10) (over)

61-18839

I. Krat, V. A.
II. Sobolev, V. M.

Office of Technical Services

On the Origin of the Solar System, by
V. A. Krat, 58 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol I, 1952.

JPRS 24735

Sci
May 64

258,9789

<p>Krat, V. A. and Sobolov, V. M. EXCITATION OF HELIUM IN THE CHROMOSPHERE AND CHROMOSPHERIC FLARES. [1961] [26p. (refs. omitted). Order from OTS or SLA \$2.60 61-18838</p> <p>Trans. of [Astronomicheskaya Observatoriya, Pulkovo. Izvestiya] (USSR) 1960, v. 21 [no. 4](163) p. 2ff.</p> <p>DESCRIPTORS: *Excitation, *Helium, *Solar atmosphere, *Solar flares, USSR, Solar corona, Electrons, Gas ionization, Temperature, Density, Interstellar matter, Solar eclipses, Solar spectrum, Atmosphere.</p> <p>The goal of our work is interpretation of questions of the excitation of helium atoms in hot elements of the chromosphere and flares in the so-called helium and sub-coronal filaments. The origin of these elements is evidently connected with transfer of chromospheric material into coronal and vice-versa. Because of this they merit special scrutiny. (Author)</p>	<p>61-18838</p> <p>I. Krat, V. A. II. Sobolov, V. M.</p> <p>(Astronomy--Astrophysics, TT, v. 6, no. 10) Office of Technical Services</p>
--	--

The Structure of the Solar Chromosphere, by
V. A. Krat, I. A. Prokof'yeva, 19 pp.

RUSSIAN, per, Iz Glav Astronom Observ v Pulkove,
Vol XIX, No 5, 1954, pp 9-19.

USSR Air Research and Dev
Scientific - Astronomy Command T-230 R

Jan 56 CTS/DEX

T-144 RV 29,596
~~29,596~~

On the Spectral-Line Profiles of the Solar Chromo-
sphere, by T. V. Krat, V. A. Krat, 55 pp.

RUSSIAN, per, Iz Glavnoi Astronomicheskoi Observatorii
v Pulkove, Vol XIX, No 6, 1955, pp 1-30.
CIA 600899

Air Res & Devel Cmd
Amer Meteorol Soc
for Geophys, Res Div
ASTIA

Sci - Geophys

Jul 57

49, 876
SLA R-1462

On the Observations of the Sun During the International Geophysical Year, by V. A. Krat, p. 3.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 5, 1957,
pp 790-793.

Amer Inst of Phys
Sov Astron - AJ
Vol I, No 5

Sci - Astron

Apr 59

84, 671

Study of the Granulation of the Sun's Photosphere,
I., by V. A. Krat, 21 pp.

RUSSIAN, per, Iz Glav Astronom Observ v Pulkove,
Vol XIX, No 5, 1954, pp 2-8.

Air Research and Dev
Command T-229 R

T-143 R 09,595
595

Scientific - Astronomy
Jan 56 CTS/DEX

On the Inhomogeneity of the Solar Corona, by
V. A. Krat

RUSSIAN, ~~INDEX~~ thrice-mo per, Dok Ak Nauk SSSR,
Vol XCI, No 4, 1953, pp 757-758.

Sci Trans Center RT-917

Scientific - Astronomy
CTS/DEX

14,065

KRATENKO, N.

Stal, vol. 7, No. 9, 5 figures, 6 tables,
2800 words; 1937.

Premature Wear of Upper Shaft of a Blast Furnace.

Brutcher Trans, Order No. 868, \$ 2.80.

A 6135

Analysis of "Indifferent" Stimuli From the
Electroencephalogram in Man, by Yu. G. Kratin,
9 pp.

RUSSIAN, per, Fiz Zhur SSSR im I. M. Sechenov,
Vol XIV, No 1, 1959, pp 16-23.

Pergamon Inst

Sci - Med

Jul 59

91,755

S-51/60

(NY-3474).

Automatic Control Panel for a Soundproof Room,
by Yu. G. Kratin, B. Yu. Yuganson, 11 pp.

RUSSIAN, par, Zhur Vyschey Nervnoy Deyatel'nosti
imeni I. P. Pavlova, Vol IX, No 6, pp 941-947.

JPRS 2389

Sci + Med + Biophys
Apr 60

111, 937

Some Aspects of Cortical Analysis as Reflected
in the Electroencephalogram of Man, by Yu. G.
Kratin, 11 pp.

RUSSIAN, no per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLIII, No 2, 1957, pp 134-144.

Pergamon Press

Sci - Med

57, 149

Jan 58

(FDD 28172)

On the Influence of Plague Microbes and Their Toxic Substances on the Sensitivity of the Organism to Histamine, by A. G. Kratinov, N. A. Maksimenko, 16 pp.

RUSSIAN, no pag, Zhur Mikrobiol, Epidemiol i Immuno
Immunobiol, Vol XVIII, No 2, Moscow, Feb 1956, pp 83-91

39,561 CIA/FDD U-8862

Sci - Medicine, ~~immunology~~ immunology
Oct 56

Variation in Peak and Instantaneous Values of
Periodic Voltages and Currents, by A. D. Kratirov,

RUSSIAN, per, Electrosviaz, 1958, No 2, pp 65-70.

Pergamon Press

Sci

Feb 60

108,274

Electrical Products for Tropical Climates, by
Cyril Kratky, 10 pp. GOVERNMENT USE ONLY

CZECH, per, Elektrotechnik, No 9, 1962,
pp 249-253.

JPRS 16358

Star - Czech
Econ
Nov 62

2 : 7,775

Kratky, O. and Porod, G.

X-RAY ANALYSIS OF DISSOLVED CHAIN MOLECULES. [1963] [26p. 15 refs.
Order from SLA \$2.60

63-18921

Trans. of Recueil [des Travaux Chimiques des Pays-Bas
(Netherlands) 1949, v. 68, p. 1106-1122.

DESCRIPTORS: *Polymers, *Vinyl radicals, *Bromides,
*Nitrocellulose, Solutions, Naphthalenes, Acetones,
*X-ray diffraction analysis.

63-18921

1. Title: Polyvinyl bromide
- I. Kratky, O.
- II. Porod, G.

... 55487

(Physics--Molecular, TT, v. 10, no. 11)

Office of Technical Services

Measurements of Absolute Intensity of Diffuse
X-Ray Small-Angle Scattering by Mechanical
Attenuation of the Primary Beam with Application
of the Pulse-Count Technique, by O. Kratky,
H. Wawra, 7 pp.
GEIGER, per, Monatsh Chem, Vol 94, 1963, pp 981-987.
AEC/ORNL-Tr-2343-70

O. Kratky

Sci/Chem
Oct 70

Measurement of Absolute Intensity of Diffuse
X-Ray Small-Angle Scattering - A Procedure for
Weight Averaging in Macromolecular Systems, by
O. Kratky, 32 pp.
GERMAN, ppr, Z Anal Chem, Vol 201, No 3, 1964,
pp 161-194.
AEC/ORNL-Tr-2344-70

1/8

O. Kratky

Sci/Chem
Oct 70

A New Method for the Preparation of Slit⁷cattering-free
low-Angle X-Ray Photographs, by O. Kratky, 9 pp.

GERMAN, per, Z Elektrochem, Vol LVIII, 1954, pp 49-53.

SLA Tr 2850

Sci - Physics
Feb 58

59,555

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

Diagrams, by O. Kratky, G. Porod, et al.
GERMAN, per, Acta Physica Austriaca, Vol 13,
1960, pp 76-128. 9233279
AEC OSNL-tr-1113

84

O. Kratky

Sci/Physics
Aug 66

306,294

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

Roentgenographical Studies in Respect to Choleic
Acids, by Y. Go, O. Kratky, 22 pp.

GERMAN, no per, Zeit für Physik Chem. Vol XXVI, No 6,
1934, pp 439-452.

NIH Tr No 1-11

Sci. & Chem.
Feb 1957 OGS/dex

43,572

SLA 57-19
1/37

Routine Microdeterminations of Casein Fractions
by Paper Electrophoresis, by M. Nutacek, L.
Kratochvil, 6 pp.

ITALIAN, per, Intern Dairy Congr 14th Rome, Vol III,
1956, pp 221-227.

AEC NF 167

Sci - Phys

Dec 58

78, 236

Kratochvil, P., Kupcik, F. and others.
OXYDATION PAR L'ACIDE NITRIQUE DE MÉLANGES
XYLESES À LA PRESSION NORMALE (Nitric Acid
Oxidation of Xylene Mixtures at Normal Pressure). 10p.
17 refs. PX-819.
Order from CTS, ETC or CNRS \$0.80 62-26436

Trans. in French of Chemicky Průmysl (Czechoslovakia) 1954, v. 8[33], no. 9, p. 449-453.

DESCRIPTORS: *Xylenes, Mixtures, Oxidation, Nitric acid.

(Chemistry--Organic, TT, v. 10, no. 7)

62-26436

I. Kratochvil, P.
II. Kupcik, F.
III. PX-819
IV. Centre National de la
Recherche Scientifique
(France)

A247427

Bureau of Technical Services

Zone Melting and Development of Crystals. 3.
Uniform Distribution of Impurities in the Ingot,
by P. Kratochvil.

CZECH, , per, Pokroky Matematiky Fysiky a Astronomie,
No 2, 1959, pp 208-212.

CSIRO Tr 5039

Sci - Phys

Jun 61

157, 802

Utilization of Hydraulic Power, by S. Kratochvill.

CZECH, bk, Využití Vodní Energie, Praha,
Akademiaství Československé Akademie Ved,
1956, 693 pp.

Dept of Interior
US Bur of Reclamation
Technical Library
Denver, Colorado

Sci - Geophys
Sep 59

96,238

Consideration of the Aerial Firing, Rocketing
and Bombing - In Connection With the Technical
Development of Aviation's Materials, by
Lt. Col. F. Kratvili, (AF 663359)

[REDACTED] KRATVIL
SERBO-CROATIAN, per, Vazduhoploven Glesnik,
Vol XI, No 2, 1955, pp 222-236.

281646 D 512958
ATIC F-TS-8615/I

Scientific - Aeronautics
EEur - Yugoslavia
Military -

Nov 55 CIS

The Use of Paper Electrophoresis for the Study
and Separation of the Proteins of Milk from
Healthy Cows and Those with Brucellosis, by
M. Kutachev, L. Kratokhvil, 5 pp.

REVIEWED, per, Biokhim, Vol XXIII, No 3, 1958,
pp 471-474.

Consultants Bureau

Sci - Chem. Biol

Mar 59

83,696

Case of the Isolation of the Causative
Agent of Erysipeloid, From Half-Grown
Ixodes ricinus Ticks, by N. I. Kratokhvil',
6 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiology, No 3, 1954, pp 61-63.

CIP D 9004449,

NIH
PT - 3091

Scientific - Medicine

CTS/DEX

13,799

PROBLEMS OF MATERIAL INTEREST IN U.S. BY
MARSH. SQUATTERS, 3 PP.

CZECH. PHB. INDEPENDENCE MOVING, VOL VII, NO 16,
19 APR 1966, P 3.

JPS 19913

KUBR - CZECH

END

MAY 63

231,214

Decay of Tb¹⁶⁰ and Ho¹⁶⁰ and level Scheme
of Dy¹⁶⁰, by E. P. Grigor'ev, B. S. Dzhelapov,
A. V. Zolotavin, O. E. Kraft, B. Krataik &
L. K. Peker, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 2, 1958, pp 101-125

Columbia Tech

Sci - Phys

Aug 59

85, 753

Emission from Tb¹⁶⁰, by M. P. Avotina, E. P.
Grigor'yev, A. V. Zolotavin, B. Kratsik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958,
pp 1127-1130.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,889

Radiation from Tb^{160} , by E. P. Grigor'ev, A. V.
Zolotavin, B. Kratsik, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz Vol XXIII,
No 2, 1959, pp 191-203.

Columbia Tech

Sci

Apr 60

114, 187

The Conversion Spectrum of Ho¹⁶⁰, by E. P. Grigoryev,
B. S. Dzhelapov, A. V. Zolotavin, B. Kratsik, B. K.
Preobrazhenskiy, I. S. Yanchevskaya, 5 pp.

CXVII,

RSSSRAN, per, Dok Ak Nauk SSSR, Vol 58, No 1, 1957,
pp 53-56.

Amer Inst of Phys
Sov Phys - Doklady
Vol II, No 6

Sci - Physics
Jul 58

67,177

Variation of the Intensity and Polarization of
Secondary Luminescence as a Function of the Layer
Depth and Dye Concentration, by L.A. Kratsov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXVII, No 6, 1963, pp 724-727.

CTT

Sci
Jun 64
q'

261, 866

B. Kratz

Experiences With the Neutralization
of Waste Water Acid, by B. Kratz.
GERMAN, per, Tom Masser, Vol 17,
1949, pp 83-88
NTC 72-60244-07A

July 72

Kratz, Peter. CONTROL AND REGULATION OF INDUCTION MOTORS. [1961] 22p. Order from STT \$18.00 Trans. of [ETZ] Elektrotechnische Zeitschrift. [Ausgabe B. Der Elektrotechniker] (Germany) 1961, v. 13, no. 1, p. 1-7. DESCRIPTORS: *Induction motors, *Control systems, Current regulators, Control. (Engineering--Electrical, TT, v. 7, no. 1)	61-25675 I. Kratz, P. II. STT-188-313 III. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio 184302 Office of Technical Services
---	---

Investigations on the Possibilities of 127
Manufacture and the Properties of Simple
Wooden Particle Holdings, by W. Klauditz,
W. Kratz.
GERMAN, per, Holz als Roh- und Werkstoff,
Vol 20, No 1, 1962, pp 39-48.
STC 69-12643-11L

W. Kratz

Sci-Mat
Aug 69

389,468

82
Improvement with a Stretch Reducing Mill for Hot Rolling Wire Rod, by E. Jungk and J. Kratzer,
Gesamt. Rv., Stahl. Werk., Vol. 65, No. 90 Dec 1962,
pp 1072-1075.
SACI 5695

SACI-5695
Dec 67

256,616

J. Kratzer

Experiences With a Reducing Mill for Hot Rolling
Wire, by H. Jungk, J. Kratzer.

GERMAN, per, Stahl und Eisen, Vol LXXXIII, 1962,
pp 1512-1520.

BISI 3315

Sci - M/M
Sept 63

345,129

Infrared Spectra of Microscopic Sections
of Wood and of Several Model Substances,
by W. Tschämler, K. Kratzl.
GERMAN, per, Mikroskopie, Vol 3, No 7/8,
1953, pp 238-246.
NTC 69-12674-11L

K KRATZL

Sci-Mat
Aug 69

389,477

The Paperchromatographic Separation of the Monomeric
Ethanolysis Products of Lignin, by K. Kretzschmar,
Schweers, 11 pp.

~~XXXX~~
GERMAN, per, Monat. für Chemie, Vol ~~XXIV~~, No 5, 1954,
p 67.

S.L.A. 1024

33,0-05

Scientific - Chemistry

ITALIAN

Kraenzl, K. LIGNIN UTILIZATION. 26p (3 figs 38 refs omitted) Order from SLA \$2.60 Trans. of Oest[e]reichische Chem[iker-] Z[eitung] (us); (Austria) 1961, v. 62, no. 4, p. 102-115.	TT-64-16385 L Kraenzl, K. 1254846
(Mssrable--Paper, TT, v. 12, no. 5)	
Office of Technical Services	

<p>Kratzl, K. WOOD CHEMISTRY IN JAPAN, 30 Mar 62 [14]p. Order from SLA \$1.60 62-14828</p> <p>Trans. of Holzforschung und Holzverwert[ung] (Austria) 1961, v. 13, no. 1, p. 11-17.</p> <p>DESCRIPTORS: *Wood, *Chemistry, Hydrolysis, Wood pulp, Paper Industry, Production, Economics, *Carbohydrates, Furfurals, Industrial research.</p> <p>The Japanese tend to utilize all resources, and their waste utilization is superior to any other country. The chemical utilization of the wood causes a waste up to 50%. In the utilization of this waste, the Japanese are at least two years ahead of the rest of the world. (Extracted)</p> <p>(Material)--Wood, TT, v. 8, no. 4)</p>	<p>62-14828</p> <p>I. Kratzl, K.</p> <p>0001907</p> <p>Office of Technical Services</p>
---	---

The Paperchromatographic Separation of Monomeric
Ethanolysis Products of Ligain (II), by K. Kratzl,
W. Schweers, 5 pp.

GERMAN, per, Monat. fur Chemie, Vol ~~XXXV~~, No 5, 1954.

33,506 S.L.A. 1025

Scientific - Chemistry

The Synthesis of Coniferin Labelled With C¹⁴, by
K. Kratzl, G. Billek, 11 pp.

Full translation.

GERMAN, per, Monatshafte fur Chemie, Vol XXCIV, 1953,
p 406.

S.L.A.

Scientific - Chemistry

Jul 55

26, 931

Infrared Spectra of Wood and Insoluble
Lignins, by K. Kratzl, H. Tschamler. 102
GERMAN, per, Monatshefte fuer Chemie,
Vol 83, No 3, 1952, pp 783-791.
NTC 69-12538-07C 129

K. Kratzl

Sci-Chem
Aug 69

389,362

Mixed Yarns of Wool and Chemical Fibres
The Determination of the Wool Constituent of
Mixed Yarns from Wool Viscose Rayon Staple
and Cuprammonium Fibres, by H. Zahn and E.
Kratzsch, 27 pp.

GERMAN, per, Melliand Textilber, Vol XXXVII,
1956, pp 75-80.

SLA 3438⁴

Sci

Aug 58

71,662

Internal Waves, Part 3, Critique of Theories
and Observations, by Wolfgang Kraub.
GERMAN, per, Deut Hydrographische Zeit, Vol
11, No 6, 1958.
*Dept of Navy/NavShips Tr No 1078

PRIOR APPROVAL OF THE COMMANDER, NAVAL SHIP
SYSTEM COMMAND
Sci-
Dec 67

Industrial Aspects of Isotope Applications, by H.
Krauch, 11 pp.

GERMAN, per, Kerntechnik, Vol III, No 1, 1961,
pp 4-7. 9095568

- AEC NP Tr-798

Sci - Chem
Mar 62

186.517

Reaction Mechanisms Of The Prins Reaction by
V. Franzen and H. Kraugh.

GERMAN, per, Chemiker-Zeitung, Vol LXXIX, 1955,
pp 335-337.

CSIRO

Oct. 62

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

Reaction Mechanisms. VII. Ozonization Reactions,
by V. Franzen, H. Krauch.¹

GERMAN, per, Chem Ztg, Vol LXXIX, No 14, 1955,
pp 466-471.

ASLIB-GB39

Sci
Apr 59

84-858

APPROVED FOR RELEASE: 08/15/ 2001

CIA-RDP84-00581R000100300008-6

(S7-1070)

Awards and Greeting to the Academy of Sciences
Latvian SSR, by E. Krauja, 4 pp.

LATVIAN, per, Latvijas PSR Zinatnu
Akademijas Vestis, No 1, 1961, pp 180-
182.

JRS 13987

Sci - Mac
Jun 62

197,874

Self-Regulation of Higher Nervous Activity,
by A. A. Kravkis.

RUSSIAN. Per. Sessoregulyatsiya Vysshey Nervnov
Devatani, 1964. P100105363-V
FTD-NI-23-808-67

A. A. Kravkis'

Sci/Rex
June 68

359,296

Influence of a Thin Layer on the Wave-field of a
Reflected Wave, by P. V. Kravilis, pp 5.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,
1963, pp 68-75.

AGU

Sci

Jun 63

340,294

The Plastic Behavior of Revolving Steel Rollers Under
Point Contact, by G. Niemann, K. W. Kraupner, 18 pp.
UNCLASSIFIED

GERMAN, per, VDI - Forschungsheft 434 supplement
to Forschung auf dem Gebiete des Ingenieurwesens,
Issue B, Vol XVIII, 1952, pp 5-15.

Navy Tr 759/BuShips 517

Scientific -
CTS/DEX

7326

Problems of the Technology of High-Output A. C.
Electric Motors, by Milan Krejmer, 13 pp.
GOVERNMENT USE ONLY
CZMCH, per, Elektrotechnicky Obzor, Vol LI,
No 9, 1962, pp 464-470.

JPRS 16358

MUR - Czech
Econ
Nov 62

217,767

The Influence of Heparin on the Hypocholesteremic Action of Nicotinic Acid, by O. Kraupp, E. Schmetz, 19 pp.

GERMANY, par, Naunyn-Schmiedebergs Archiv fuer Experimentelle Pathologie und Pharmakologie, Vol CXXXV, No 2, 1959, pp 103-112.

SIA 59-15489

Sci - Medicine
Oct 59
Vol II, No 4

103,216

The Influence of Heparin on the Hypocholesteremic
Action of Nicotinic Acid, by O. Kraupp, E. Schnetz,
A 19 pp.

GERMAN, per, Archiv fur Experimentelle Pathologie
und Pharmakologie, Vol CCXXXV, No 2, 1959,
pp 103-112.

SLA 59-15469

Sci - Med
Dec 59
Vol 2, No 4

102, 834

Kraus, A. CURVES OF MEASURED DATA FOR THE REFLECTION COEFFICIENT OF COMPENSATED INHOMOGENEITIES IN COAXIAL LINES AND THE OPTIMUM DESIGN OBTAINED ON THE BASIS OF THESE DATA. [Apr 64]. 11p Order from AT&T \$12.50 AT&T-48R750	TT-64-22065 I. Kraus, A. II. AT&T-48R750 III. Associated Technical Services, Inc., East Orange, N. J. 184X50
(Physics--Wave Propagation, TT, v. 12, no. 1) Office of Technical Services	

Construction of the Orlik Hydraulic Development in Czechoslovakia, by A. Kraus, 16 pp.
RUSSIAN, per, Gidrotexhnicheskaya Stroitel'-
stvo, No 3, 1964, pp. 11-13.

SPK 30954

A. KRAUS

DEGEL
Book
Jul 66

\$33,093

Collisions of Slow Negative Ions with Charge
Transfer, by K. Kraus, W. Müller-Deynsing.
GERMAN. per. Zeitschrift für Naturforschung.
Vol. 16A, 1961, pp 1385-1387.
Tr No 28, Nov 1968
ADM/APCRL/68-0580

102

K. Kraus

Sci-Phys
Feb 69

373,724

Kraus, M., Kochloefl, K., Setinek, K., Beranek, L.,
and Houda, M.
THE COURSE OF REARRANGEMENT OF POTASSIUM
PHTHALATE INTO POTASSIUM TEREPHTHALATE.
[1963] 20p (tables refs omitted)
Order from SLA \$1.60

63-18854

Trans. of Chemicky Prumysl (Czechoslovakia) 1962,
v. 12(37) no. 10, p. 529-534.

DESCRIPTORS: *Potassium compounds, *Phthalates,
Chemical reactions, Benzene derivatives, Carboxylic
acids, Salts, Decomposition, Reaction kinetics,
*Polyester plastics, Production.

The rearrangement of potassium phthalate into potassium
terephthalate is of industrial interest because it
represents an alternate method to oxidation of p-xylene
commonplace until now. The chemistry of this reaction
(Chemistry--Organic, TT, v. 10, no. 11) (over)

63-18854

1. Title: Potassium terephthalate
- I. Kraus, M.
- II. Kochloefl, K.
- III. Setinek, K.
- IV. Beranek, L.
- V. Houda, M.

... 334612

Office of Technical Services

Origin and Development of Official German Cartography,
by Inspector Kraus, 15 pp. UNCLASSIFIED

Full translation.

GERMAN, Enc1 to Despatch 2276, NMCG, Germany,
13 Feb 1952.

State Tr

W Europe - Geographic - Maps, Cartography

Germany

CIA 733083

A 6137

Kraus, A. ACID CURING NITROCELLULOSE LACQUERS, I. [1963]. Order from TTIS \$22.00 Trans. of Farbe und Lack (West Germany) 1963, v. 69 [no. 3] p. 171-174. DESCRIPTORS: *Varnishes, *Nitrocellulose, *Acids, *Aging (Materials)	63-17820 I. Kraus, A. II. TTIS-NS-102 III. Translation and Technical Information Services (Gr. Brit.) 4242000
(Materials--Finishes, TT, v. 10, no. 5)	
Office of Technical Services	

Measured Curves of the Reflection Coefficient for
Compensated Discontinuities in Coaxial Lines and
Determination of Optimum Dimensions, by A. Kraus.

GERMAN, per, Rohde u Schwarz Mitteilungen, No 8,
1956, pp 1-12.

TIL T.4804

Sci - Physics

51, 367

Aug 57

SLA 57-3495

Plasticizers for Nitrocellulose Lacquers XIX.
The Solvent Power of Various Plasticizers for
Nitrocellulose of Varying N₂ Content, 1959, 2 p.
by Alfred Kraus,

OIRMAN, ger., Farbe und Lack, 1940, Vol XLVI,
No 38, pp 333-334.

SLA 59-20231

Sci
Mar 60
Vol. 2, No 11

109,621

Kraus, A[lfred]. NEW PLASTICIZERS. Rept. no. 38 of Information on Plasticizers for Nitrocellulose Lacquers. [1962] 11p. Order from SLA \$1.60 62-16290 Trans. of article from an unidentified source, n. d. DESCRIPTORS: *Plasticizers, *Nitrocellulose, *Varnishes, Behavior. The behavior of four plasticizers which recently appeared on the market (tris(bromopropylphosphate, dibutylfumarate, dioctylfumarate and dimethylitaconate) in nitrocellulose lacquers is described. These plasticizers have a high solvent power with respect to collodion cotton and a high stability with respect to light with minimum fading in films. (Author) (Materials--Plastics, TT, v. 9, no. 2)	62-16290 I. Kraus, A. II. Title: Information . . . III. Title: Plasticizers . . . Office of Technical Services
---	--

<p>Krause, A. and Kotkowaki, B. ÉTUDE DE L'ACTIVITÉ ET APPRECIATION D'UN CATALYSEUR INDUSTRIEL UTILISÉ À LA CONVER- SION DU MÉTHANE (Badanie aktywnosci i ocena katalizatora przemyslowego stosowanego do konwersji metanu) (Activity and Evaluation of the Technical Cata- lyst Used in the Conversion of Methane). 23p 7 refs Order from OTS, ETC or CNRS \$0.89 62-26985</p> <p>Trans. in French of Przemyśl Chemiczny (Poland) 1958, v. [14] (37) p. 511-515.</p> <p>DESCRIPTORS: Catalysts, *Methanes, Transformations, *Nickel catalysts, *Magnesium catalysts, Formic acids, Hydrogen compounds, Peroxides, Measurement, Oxides.</p> <p>(Chemistry--Physical, TT, v. 10, no. 10)</p>	<p>62-26985</p> <p>I. Krause, A. II. Kotkowaki, B. III. Centre National de la Recherche Scientifique</p> <p>Office of Technical Services</p>
---	--

<p>Kraus, Alfred]. NEW PLASTICIZERS. Rept. no. 38 of Information on Plasticizers for Nitrocellulose Lacquers. [1962] 11p. Order from SLA \$1.60 62-16290</p> <p>Trans. of article from an unidentified source, n. d.</p> <p>DESCRIPTORS: *Plasticizers, *Nitrocellulose, *Varnishes, Behavior.</p> <p>The behavior of four plasticizers which recently appeared on the market (tris(bromopropyl)phosphate, dibutylfumarate, dioctylfumarate and dimethylitaconate) in nitrocellulose lacquers is described. These plasticizers have a high solvent power with respect to colloidion cotton and a high stability with respect to light with minimum fading in films. (Author)</p> <p>(Materials--Plastics, TT, v. 9, no. 2)</p>	<p>62-16290</p> <p>I. Kraus, A. II. Title: Information . . . III. Title: Plasticizers . . .</p> <p>0207130</p> <p>Office of Technical Services</p>
--	--

The Snout and Stinging Act of the Rhodnius
Prolims, by R. Grgy, C. Kraus, 6 pp.

GERMAN, per, Acta Tropica, Vol IX, No 3,
1952, pp 272-276.

MIC 7-626-63

Sci. & Med
Sep 63

344,310

Curves of Measured Data for the Reflection
Coefficient of Compensated Inhomogeneities
in Causal Lines and the Optimum Design Obtained
on the Basis of These Data, by A. Kraus, Illyo
Gesellschaft, p.c., Berlin und Schwerin, Mitt., 1960, No 14,
pp. 356-360
DIA TT-64-16961
AIS-48175C

A. Kraus

Sci. & Ref.
June 67

327,572

Dokumentationen d. Technik, München 8, Zweibrückenstr. 24

12 Übersetzungs-nachweis

1088.

Kraus, David
Sources of technical translations available to librarians.
Bezugsquellen der für Bibliothekare zugänglichen Übersetzungen technischer Literatur.
48, 1957, 1, S. 26-7

Zt. Spec. Libr., New York

<p>Kraus, G. and Short, J. N. NEWER INVESTIGATIONS ON CIS-POLYBUTADIENES. [1962] 2p. Order from SLA \$1.10</p> <p>Trans. of mono, from an unidentified source, n. p., n. d.</p> <p>DESCRIPTORS: *Polymers, Elastomers, Butyl rubber, *Pentadienes, *Butadienes.</p> <p>The present investigation deals with differences in the characteristics due to smaller structure features, as, for example, the molecular-weight distribution, the steric uniformity of the molecules and the arrangement of the cis-, trans and vinyl-units on the polymeric chain. These factors lead to polymers which differ from each other in various respects, especially in their tendency to crystallization. With vulcanized cis-polybutadiene (Materials --Elastomers, TT, v. 8, no. 7) (over)</p>	<p>62-10570</p> <p>I. Kraus, G. II. Short, J. N.</p> <p>Office of Technical Services</p>
--	--

B-1. The Founding of the Union of Socialist Soviet Republics, by George Kraus, 7 pp. (ID-1050885)
UNCLASSIFIED

Full translation.

GERMAN, Die Volkspolizei, Vol I, No 10, Berlin, Dec 1946.

REF ID: A6281/2-1

USSR
Political

May 52 CTS

DEX

A 6138

Welding of Polyethylene Jackets for Communications
Cables, by Rolf Kraus, Gpp
DISCUSSIONS, 1961, BLOOMINGDALE, Vol 35, 1961, No 4,
JUN 22 1962
GSA GEN-05-30037

Egid Kraus

Sci - Mach, Fabri and
Accessory Equip
June 67

329,549

Helmut Krause

The daily course of energy within the air layer near the ground. 32 pp.

GERMAN, Archiv fuer meteorologie, geophysik und bioklimatologie, Bd 12, H. 3/4, pp 491-515, 1963
*NASA TT F 14, 552

sept 72

Regulation on Classifying and Reporting
Physically and Mentally Retarded Children,
by Krste Crvenkovski, Lydia Sentjurc, Herbert
Kraus, 8 pp.

CROATIAN, per, Sluzbeni List FNRJ, No 27,
6 Jul 1960, pp 567-569.

JPRS 8210

EEur - Yugoslavia
Soc
May 61

152, 708

Regulation on Special Examinations and Courses
for Certification of Public Health and Medical
Employees, by Herbert Kraus, 17 pp.

CROATIAN, per, Sluzbeni List FNRJ, No 29,
20 Jul 1960, pp 611-617.

JPRS 8210

EEur - Yugoslavia

Soc

May 61

152, 706

(PC 4041)

<p>Kraus, J. OSCILLATIONS IN RINGS. [1963]. Order from SIC \$12.00</p> <p>Trans. of mono. Konference o Monokrystalech (Conference on Single Crystals) (no. 3) Prague, 1960. [Proceedings] p. 168-176.</p> <p>DESCRIPTORS: *Oscillation, *Rings, *Quartz crystals, Piezoelectric crystals, *Crystal oscillators.</p> <p>Quartz ring oscillations were studied in connection with research on exact piezoelectric standards. Particular attention was devoted to classification of the oscillations and correlation with theoretical results. The total number of oscillation types varied between 40 and 80. These produced clearly defined nodes. (SIC abstract)</p> <p>(Physics--Solid State, TT, v. 11, no. 1)</p>	<p>TT-63-22246</p> <p>I. Kraus, J. II. Title: Conference . . . III. Scientific Information Consultants Ltd. (Gt. Brit.)</p> <p>22246-34-14 22246-37-0</p> <p>Office of Technical Services</p>
--	---